1900 - 1902

No. 11

Students Note Book

~~2138~~

Aug 4, 1900 to Aug 2, 1902

Notebook No. 11

["Song Sparrow Expedition"]

May 30, 1901 - June 4, 1901

Pasadena, Cal.

August 4, 1900.

Spent this afternoon in the arroyo bottom below Devil's Gate. Extremely hot and dry. Birds very scarce and quiet; more evident toward evening, when they ventured to tune up a little. The following is a list & number of individuals of each species seen, though there is the chance & probability of the same bird being seen one or more times.

Turkey Vulture (2 flying overhead), Mourning Dove (6 pairs either flying past, or flushed from ground), Valley Partridge (one flock of a dozen. 2/3 grown young with parents), Texan Nighthawk (1 female flushed from gravel bed & secured), Costa's Humming (a single individual lit on a sumbak or flying about), Arkansas Kingbird (just one, shot on the wing), Vigor's Wren (one heard & seen in brush), Ash-throated Flycatcher (one on side of arroyo back among chaparral), Pas. Thrasher (3 heard),

Mockingbird (7 heard or seen in brush), Phainopepla (4 heard or seen, but very shy), Black-headed Grosbeak (one adult male follow for fully a mile, flying from tree to tree, call repeatedly), Anthony's Towhee (6 heard or seen) House Finch (10), Ark. Goldfinch (6), West. Wood Pewee (5 among sycamores at the Sate Calif. Shrike (5 seen, but very shy).

Total - 16 species; 72 individuals.

4350 Texan Nighthawk ♀

4351 Western Wood Pewee ♀

4352 " " " ♀ juv.

4353 Arkansas Kingbird ♂

Aug. 5

Foggy in the morning; cooler. Have seen following birds on home place within the past week: Cliff Swallow (common flying away to roosting in evening large numbers overhead) Louisiana Tanager (heard two or three times), Cal. Bush (Flock of 8), Mockingbird, Cal. Towhee (juvenile

West. Chipping Sparrow (few juveniles);
Ariz. Hooded Oriole (Common; nest with 3 young in banana),
Rufous, Anna's, & Black-chin Hummers (around
blossoming century-plant sometimes a dozen at a
time; mostly Rufous, of which two adult males seen),
Russet-backed Thrush (heard singing & seen in evening),
House Finch, Am. R. Goldfinch, Willow Goldfinch,
Black Phoebe, West. Wood Pewee (adults & 3 young),
Black-headed Grosbeak (♂ singing), Yellow Warbler
(♂ singing), Texan Nighthawk (flying in evening),
Brewer's Blackbird (in street, & flying over).

Aug. 6.

Went up the Arroyo Seco Cañon as far as Bircher's
day. There is no running water, but a few
shallow pools & wet places are attractions to
the birds, which are not very plentiful. Saw
the following: Valley Partridge, Mourning Dove
(quite common), Turkey Vulture, West. Red-tailed Hawk (1);
Golden Eagle (2 immatures flying often adult high
overhead & screaming monotonously),

Cabanis's Woodpecker (1), Costa's Hummer (several at Simmons), Black-chinned Hummer (full-grown juveniles squeaking), Traill's Flycatcher (several; no juveniles), West. Wood Pewee (Very common), Olive-sided Flycatcher (1), Black Phoebe (1), Louisiana Tanager (few, 1 ad. ♂), Spurred Towhee Anthony's Towhee, Heermann's Song Sparrow (few cañon), Arkansas Goldfinch, Willow Goldfinch House Finch, West. Sage Sparrow, Phainopepla (numerous, but shy), Black-headed Grosbeak (1), West. Gnatcatcher (3), Vigor's Wren, Wren-tit, Pasadena Thrasher, Russet-backed Thrush (1 at Simmons) West. Yellowthroat (2 in bottom of cañon), Cal. Bush-tit, Long-tailed Chat (1 in willow thicket), Belding's Jay, Lutescent Warbler (3), Yellow Warbler (few), Cal. Shrike Ariz. Hooded Oriole (adults & young), Warbling Vireo (4) Least Vireo (2 singing), Dotted Cañon Wren (2), Mockingbird, Hutton's Vireo. Total, 40 species.

I particularly noticed the absence or fewness of West. Flycatchers, Cassin's Vireos, Tanagers &

1354 Belding's Jay ♀ im

1355 West. Wood Pewee ♀ juv.

1356 West. Yellowthroat ♂ im.

1357 Long-tailed Chat ♀ ad.

1358 Traill's Flycatcher ♂

1359 " " ♂

1360 Phainopepla ♂

1361 Ariz. Hooded Oriole ♂

Aug. 8.

This afternoon went up to mouth of Arroyo Seco canon again. Saw Cooper's Hawk (1 flying low over the ground at Sundown), Valley Partridge (flock of half-grown young), Dusky Poor-will (1 flushed from arroyo bed), Sa. Tanager (♂), etc.

1362 West. Wood Pewee ♂ juv.

1363 " " " ♂ juv.

1364 Dusky Poor-will ♂

1365 Spurred Towhee ♀ im

1366 Valley Partridge ♀ juv.

1367 California Shrike ♀

1368 Willow Goldfinch ♂

August 17.

Came down to Long Beach, where mr. Daggett and myself went out along the beach between here and Terminal for about two hours this evening. Migrations are evidently beginning, as several large flocks of ducks & waders were seen flying over the beach. Saw the following birds: Large-billed Sparrow (one secured & another seen, the first of the season, so Mr. Daggett says), Cal. Shrike (1), Song Sparrow (several in yard in town), Least Tern (2 flying high over head), West. Sandpiper (1 shot), Snowy Plover (adults & full grown juniles very common along beach), Hudsonian Curlew (1 pair seen on beach in company with willets), Western Willet (fully 100 seen, either in large flocks flying, or in small companies on beach along surf; 4 taken), Black-bellied Plover (1 taken, & a flock of about 20 seen), West. Gull (a few flying coast wise, all immature), Surf Scoter (large flocks of scoters on water outside of surf). The willets were quite tame and allowed a close approach in most cases.

369 Black-bellied Plover ♂

370 Western Willet ♂ im.

371 Snowy Plover ♀

372 " " ♀

373 " " ♀ im

374 " " ♂ im

375 " " ♀ juv.

376 " " ♂ im.

Aug. 18.

Clear a high Fog: Pleasant. Went down toward Terminal Beach again this afternoon. Saw: West. Willet, Hudsonian Curlew (6 or 8), Snowy Plover, Belding's Marsh Sparrow (Common back on Marsh), Cal. Shrike (1), Least Tern (a dozen or more flying over marsh), West. Gull (immatures), Rough-winged Swallow (2 flying above marsh).

1377 West. Willet ♀ im.

1378 Belding's Marsh Sparrow ♂

1379 " " " ♀

1380 Snowy Plover. ♀ juv.

4381 Snowy Plover ♂

4382 " " ♂

4383 " " ♂

4384 " " ♀

Aug. 20

Clear Warm. Went out along the same beach again this morning. Saw Willet, Snowy Plover, and Hudsonian Curlew as usual. Also Black-bellied Plover, West. Sandpiper (flocks of 6 to 20 on tide flats), Least. Sandpiper (flock of 6 on mud flat), Gt. Blue Heron (1), Barn, Bank, Cliff & Rough-winged Swallows (flying in mixed companies back & forth over marshes), Brewer's Blackbird (Large flocks in Long Beach) House Finch (2).

4385 Bank Swallow ♀ im.

4386 Rough-winged Swallow ♀ im.

4387 Cliff Swallow ♂ im

4388 " " ♀ im.

4389 Belding's Marsh Sparrow ♂

4390 " " " ♂ im.

4391 Least Sandpiper ♀ im.

372 Western Sandpiper Pair

373 Semipalmated Plover Pair

374 ♂

375 ♀

376 ♀

Sept. 7. 30.

Nov. 4, 1910.

Nov. 24, 1911

Nov. 25.

4451

4452

4453

4454

4455 Rancho Hermit Woods

4456 "

4457 Pt. Pinos Junco

4458 " "

Nov. 30.

[illegible] and High Lands. We [illegible]
[illegible] the south of a canon about half a
mile East of Woodside P.O. All [illegible]
[illegible] in on the [illegible] Hyper Sonoran and
[illegible] Zones. The following birds were
[illegible] and Varied Thrushes + 1 Wint.
Wren (all fairly common, for [illegible] the season of the
Col. Holly on the metroides); Intermediate Wren (7
and Nigricans Wren [illegible] found in Redwoods);
[illegible] Coast Jays (6 [illegible]); Red-shafted Flickers (
Lewis Woodpeckers (2); Pt. Pinos Juncos (common);
Golden-crowned & Ruby-crowned Kinglets, Spotted & White-
throated Towhees (few); Ruby-crowned & Wint. Golden-crowned Kinglets
(few); Townsend Warbler (several seen in redwoods);
Pacific Chickadee (common); Audubon's Warbler (2);
Sparrow Hawk & Sharp-shinned Hawk (1 each); Horned
Owl subsp? (1 heard hooting last night); Calif. Partridge
(several flocks); Calif Quail (1 flock);
[illegible]
Warbling Vireo (2 heard); Anna's Hummers (8); Pine Siskin (few
seen in tops of alders).

Pasadena, Calif., Dec. 24, 1900.

Jan. 5, 1901.

from tree to tree for some distance; although
[illegible] like rats, as well as appearance, ministering
Ruby-crowned Kinglet (common), Mountain
[illegible] (very [illegible] although from
[illegible] of [illegible]; the [illegible] was, I
the back [illegible], around a nine [illegible], it
or flew to the ground for a round or [illegible],
[illegible] Hawk, Cooper's Hawk (a
[illegible] pumpas down), Black Phoebe,
[illegible] and Wrens (Cañon [illegible]),
[illegible] Sparrow, etc.

Jan. 6. 1901. — Barstow.

Came through to Barstow last night, and spent the day here. It is very desolate and nearly barren of vegetation except in the Mojave River bottom, where there is [illegible] small stream. There are broad alkali grass flats along the water, and a few cottonwoods, willows and a kind of thorny tree growing like willows. There are no birds except in the River bottom, and but a very few there. During a five hours hunt this forenoon, saw following birds:—

West. Meadowlark (1); Red-shafted Flicker (1 heard);
Slender-billed Nuthatch (Shot one specimen, the only one seen;
first it was on the dried carcass of a horse; and then it
flew to a willow trunk); Verdin (Shot 2, saw another,
and heard two more, so not common; notes, weak several
together, like the "trip, trip" repeated of the Anna's Hummer;
Verdins' nests are very abundant in the thorn trees, sometimes
2 or 3 in a tree; they are very solid structures made
out of thorn twigs interlaced, globe-shaped, with a hole
in one side, a little downward, like a miniature cactus
wrens' nest); West. Bluebird (Two flocks one of 8 and one
of 13, both flying overhead); West. Robin (One seen &
one heard); Sharp-shinned Hawk (1); Vigor's? Wren
(1 shot); Intermediate Sparrow (fairly common in brush
around station); House Finch (Flocks of perhaps
a hundred in all in weed patch by railroad
bridge; Both these and the Intermediate Sparrows
are very dirty, smudged with coal dust or smoke
until they look black in some cases); Say's Phoebe (1); Am. Pipit (1); and a Flycatcher, Some pretty

sure Wright's, seen twice. Also tracks of

Road-Runner and Gambel's Partridge.

542 Harporhynchus lecontei ♀

544 Toxostoma redivivum ♀

545 Peucaea cassinii ♂

♀

546 "

547 "

548 "

549 "

Jan 18

Leaving up through San Francisquito Valley.

Camped in Cañada on account of heavy rain.

Jan 19

Palo Alto

Jan. 19, 1901.

4551 [illegible] Sparrow ♀

4552 " " ♀

4553 [illegible] Song Sparrow ♀

4554 " (3) Song Sparrow ♀

4555 [illegible] ♀

[illegible] " ♀

[illegible] ♀

[illegible] ♀

[illegible] ♀

4560 West. Yellowthroat ♂

4561 [illegible] ♂

4562 Spurred Towhee ♂

4563 " " ♀

4564 " " ♂

4565 Vesper or Fox Sparrow ♂

4566 Rufous-crowned Sparrow ♂

4567 Varied Thrush ♂

4568 " " ♀

4569 Western Chickadee ♂

4570 " " ♀

4571 " " ♂

4572 West. Winter Wren ♀

4573 Calif. Thrasher ♀

4574 Dusky Warbler ♀

Jan 26, 1901.

Clear & beautiful weather. Wind down among oaks. [illegible] Birds in ground are abundant. Especially noticeable were large flocks of [illegible] Pigeons & [illegible]

♂

♀

♂

♀

♂

♂

♀

4584 ♂ [illegible] 1900.

4585 ♀ [illegible] 1900.

4584. [illegible] ♀.

March 23, 1901

Clear; S Wind. Today went up San Francisquito
[illegible] to [illegible] N of Black Mountain. Saw
following birds: Hutton's Vireo; Warbling
Vireo (the first seen this year, perhaps a dozen
noted all along the Creek bottom); Violet-green
Swallow (along foothills); Lutescent Warbler
(Males in full song on Mountain sides, common);
[illegible] (1);
Intermediate Wren Tit; Calif. Brush Tit (last merely
completed); Plain Titmouse; Bush Chickadee;
[illegible]
Western Red-tail; Spurred Towhee; Calif. Towhee;
Western Flycatcher (First for the season, two heard);
Red-shafted Flicker; Harris' Woodpecker (1);

4597 [illegible] ♀

4598 [illegible] ♂

4599 [illegible] ♀

4600 " ♀

4601 " ♂

4602 [illegible] ♂

4603 [illegible] ♀

[illegible] Pt. Pinos ♀

[illegible] [illegible] ♂

[illegible] ♀

4607 [illegible] ♀

[illegible] [illegible] ♀

4609 [illegible] ♀

Nov 27

[illegible] Birds very quiet and [illegible] very scanty foliage. [illegible] Pinus insignis, Eucalyptus [illegible] Monterey Cypress, [illegible]

4610 Calif. Jay ♀

4611 Calif. Linnet ♂

4612 Pine Titmouse ♂

4622 Melospiza melodia pusillula ♀

4623 Hylocichla aonalaschkae ♀

4624 Dryobates albatus alascensis ♂

4625 Agelaius gubernator californicus ♀

4626 " " " ♀

4627 Anthus rubescens pacificus ♂

Tule R. & Chualar, Monterey Co., March 29 (Bowers)

4628 Lanius ludovicianus gambeli ♂.

April 1.

Clear & warm. Went down to edge of bay this afternoon.

Saw one Heron & large flock of Least Sandpipers;

also Least Blue Heron, Cal. Clapper Rail, etc. Along

Willows & roadside saw Lincoln's Sparrow (several);

Wint. Sparrow Sparrow (Several); Sparrow Hawk;

White tailed Kite (2); West. Yellowthroat (5 in full song).

4629 Melospiza melodia pusillula ♂

4630 " " " ♂

4631 " " " ♀

4632 " " " ♂

4633 [illegible] ♀

4634 [illegible] ♂

4635 " " ♂

4636 [illegible] ♀

4637 [illegible] ♀

4638 " " ♀

April 2

5167 [illegible]

4691 [illegible] ♂

4693 [illegible] ♀

4691 Pandora Plumbea ♂

4694 Cidaria Taeniata ♂

4695 " " ♀

4696 " " ♂

4697 " " ♂

April 13.

Clear & beautiful day. Went up to Big Mountain [illegible] and took Tidings, "Stanzjing". Saw on the mountain: Mel. Nelsa (1); Mel. Athalia (3); P. Bird [illegible] Sp. [illegible] Sat. flowering on the summit).

Baird's Chickadee (common at last ½ [illegible]);
Western Warbler (several heard singing); Wash. Pileolated;
Wilson's Warbler (2 heard on [illegible]); Yellow-Breasted Chat (few);
Yellow-throat (very few); Bullock's Oriole (few);
Red-shafted Flicker (several); California Jay (common);
Steller's Jay (few); Audubon's Hermit (2).

4646 Baird's Chickadee ♂
4647 " " ♀
4648 " " ♂.
4649 ♂
4650 " " ♀
4651 " " ♂
4652 ♀
4653 ♂
4654 ♂
4655 ♂
4656 ♂
4657 ♂
4658 Audubon's Warbler ♂
4659 " " ♂
4660 Townsend's Warbler ♀

Iris very dark brown.

Iris dark brown.

4558 Anthus pensilvanicus ♂

4669 [illegible] ♂

April 27, 1901.

Clear & Pleasant. Has been a very cold windy spring so far. Hottest weather yet. Went to [illegible] willow patch and [illegible] on edge of salt marsh this forenoon. Saw following birds:—

Varied Thrush (a single ♀ in thickest willows); Russet-backed Thrush (in moderate numbers; only twice singing). Cal. Bush-tit; Intermediate Wren-tit; Barlow Chickadee (a nest found, 8 feet up, apparently dug by the birds themselves in a very soft willow stub; contained 8 young which left the nest one after the other when I [illegible] it; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] will collect [illegible]; [illegible] very [illegible] [illegible] Wren ([illegible] singing); Cal. Thrasher (nest with

Rufous-backed Robin (very few); Western Meadow-Lark;
Cal. Jay; Wilson's Thrasher (few); Allen's Hummer (♀
Townsend's Finch; White-tailed Kite; Cal. Partridge.
Total of day 50 species.

Allen's Hummer ♀
Yellow Chickadee ♂
" ♀ juv.
Western Flycatcher ♀
Yellow Warbler ♂
Intermediate Warbler ♂
" ♀
Barn Swallow ♀
Cliff Swallow ♀
Spotted Towhee ♂
[illegible] ♂
[illegible] ♀
[illegible] ♂
[illegible] ♂
[illegible] ♂
[illegible] ♂

May 9.

[illegible] 79. [illegible] 8 p.m.

May 10.

Foggy early in the morning, then [illegible]. Went down to willow patch and [illegible] [illegible] [illegible] [illegible] [illegible] found [illegible] birds as follows: [illegible] (very few as compared with last year, nearly completed nest found made [illegible] of skeleton [illegible] leaves); [illegible] (nest with [illegible] eggs); [illegible] [illegible] (family of just fledged young); [illegible] (full fledged young); [illegible] [illegible] (nest with 3 small young, [illegible] [illegible] eggs); [illegible] [illegible] (3 young); [illegible] [illegible] (nest) [illegible] [illegible] yellow warbler (2 nests with 5 eggs each); [illegible] [illegible] [illegible] [illegible] [illegible] (nest with 4 badly incubated eggs, [illegible] up [illegible] [illegible] [illegible] of young [illegible] [illegible] [illegible] among the willows [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]); Tree Swallow; Bank Swallow; Cliff Swallow; [illegible] (a single male singing); [illegible] [illegible] (nests with 3 + 4 eggs each); [illegible] [illegible], [illegible] [illegible],

4684 " " ♂ juv.

4685 " " ♀ juv.

4686 Yellow Warbler ♂

4687 Myrtle Warbler ♀ 11 Sept. 37 Ky.

4688 Black Throated Green Warbler ♂ juv.

4689 " " ♀ juv.

4690 Black Throated Gray Warbler ♂

4691 " " " " ♀

4692 " " " " ♂

4693 " " " " ♂

4694 " " " " ♂

4695 " " " " ♀

4696 " " " " ♂

4697 Black Throated Blue Warbler ♂ 7 Sept. 37 Ky.

along [illegible]

[illegible] Station and Col.

4695. Black Phoebe ♀ juv.

4697. Vaux Swift ♀

4700. " " ♀

4701. Yellow Warbler ♂

4702. " " ♂

4703. " " ♀

4704. [illegible]-backed Shrike ♀

4705. " " " ♀

4706. Marsh Song Sp[illegible] ♂

4707 ♀ juv

4708. [illegible] ♂

Heart rounded with an apical process. Base a single Prismatic Kinghia. Also Long-tailed Chat,

Sexual Plumage Well developed in ♂

4709 Fantail Long Tail Sparrow ♂

4710 Longtail Painting ♂

4711 Fantail Longtail ♀

4712 Fantail Black Sparrow Egg.

4713 " " ♀

4714 ♀

4715 Fantail Long Tail Sparrow ♂

4716 " " ♀

4717 ♂

4718 ♂

4719 ♂

4720 ♀

Song Sparrow Expedition

May 30, 1901.

Went from [illegible] North side of Bay this morning.

At Landspur an arm of the bay or rather a

slough little [illegible] and Worked with a few

Song Sparrows very few on salt marsh. Also a

Jr. Crow, Wt. Crowned Sparrow, House Finch; Warbling

Vireo; Cliff Swallows; West. Meadowlark; Hutton's Vireo

Redwood Blackbird; Anna's Hummg; Lutescent Warbler

Com. Yellow; Bush Headed Blackbird; Hermit Thrush,

Wt. Chipping Sparrow; [illegible] (10 Song Spp.)

Came [illegible] To opposite side of Bay at Lat T

a place called Green Brae. [illegible]

Kinds [illegible] of Sandpiper, Hawk [illegible] salt

salt marsh, salicornia and other [illegible]

[illegible] Jr. Crow; Barn & Cliff Swallows; Two Violet green

Swallows; [illegible] Redwood Blackbird; Hermit Thrush; Wt. Crowned

Sparrow; Wt. Throated Sparrow; Wt. Headed Jr. R;

Warbling Vireo; Yel. Warbler (15 Song Spp.)

Went to San Rafael this afternoon. An arm of the

bay runs up [illegible] and a slough

bordered with eucalyptus & willows comes down into town. Along this, Song Sparrows are abundant; also saw several Bay-b Marsh Sparrows in fields adjoining, and heard a couple of Yellowthroats in willows & swamps. Surrounding hills covered with oaks, bay, eucalyptus, etc. Saw Sparrow Hawk, Red-shafted Flicker, Crow, Bi-colored Blackbird, & Meadowlark. Took in (13 Song Sps.) here this evening.

May 31.

Came to Petaluma this morning. A salt slough called Petaluma Creek runs down into town, and just south of the town it is bridged by the usual salt marsh road. Back from the bay. Here are a few song sparrows. Took (1 Song Sp.); Saw also in the marsh, Yellow-throat, Bullock's Oriole; Bicolored Blackbird; Western Lark; Western Chipping Sparrow; House Finch & Cal. Jay.

Ran down — 11 a.m. — to a fresh water willow-lined stream running down between oak-covered hills into Petaluma Creek. It was comfortably hot, & birds were quiet mostly, appearing here & there to drink & bathe.

The following birds we saw this day: [illegible]
Wht. headed [illegible]; Killdeer (several along road to [illegible]);
Belted Kingfisher (1 pair we very many); [illegible]
at least 6 Females; [illegible] (we have a nest in the steep east
bank near); Cal. Towhee: Mourning Dove (1 pair);
Parkman's [illegible] (singing lustily); Cliff Swallow (Flocks
Probably have a nest [illegible] just [illegible] away);
[illegible] (1 flying —); Brewer's Blackbird;
Brewer's Blackbird; Wht. Throated Sparrow; Cal. Towhee;
Cal Bush-tit [illegible]; Red-shafted Flicker;
Allen's Hummingbird; [illegible] Goldfinch, Diff [illegible] (Lesser
Violet green Swallow (Several pairs chattering
over head as flying low along the river);
House Finch; Black-billed Magpie (Can hear the
Characteristic guard after among the cabo high on the
hillside); Plain Titmouse (Family of young).

At Ignacio this afternoon: a cold slough margined with
rushes. Ducks, 9 species; At time of the latter
end of [illegible] the very [illegible]
one is dark and Much less worn plumage Than

usual. Took (10 Song Sparrows). Also one Salt Marsh Yellowthroat. At Novato took (1 Song Sp.). Here on rock covered hills near by and willowy ravine birds: Russet-backed Thrush; Wren-tit; Black-headed Grosbeak; West. Flycatcher; Hutton Vireo, etc. Came to Sonoma this evening.

June 1.

Went down to the tidelands a little below a station called Shellville. The tide-sloughs are lined with dykes & these are grown over with Baccharis; between are extensive tule swamps & meadows but no Salicornia; the water is only brackish, not sea water salt; Sonoma creek seems to be quite a stream. Song Sparrows were numerous. Took (19 Song Sp.). Saw also along the levees Willow Goldfinch (numerous; nests); Redwing Blackbird; Salt Marsh yellowthroat (numerous); Tule Wren (common in the thickest tule beds); House finch; Meadowlark; Horned Lark (several pairs); Cliff & Barn Swallow (nesting commonly about ranch buildings, the

a few Spotted Sandpipers; also 2 Black-Herons flying

(with slow under bridges;† Tree Swallow (Several pairs nesting here in woodpecker holes in dead stubs; many males sitting on telegraph wires and warbling melodiously like mating). Up along the creek where were willows, cattails, etc. † saw many Song-Tailed Chat, Red-Shouldered Blackbirds; Yellow Warblers & Lazuli Buntings. Came to Vallejo this afternoon.

June 2.

Went out to Tide marshes north of North Vallejo this forenoon. Saw 18 Song Sparrows. Also 2 Tule Wrens which species were very common in Tule & Grass patches. The Island here is largely covered especially at its edges by a mat of Salicornia. Drainage canals have been dug, & along these and Runits are large Numbers of Red-winged Blackbirds, Tule Wrens & Song Sparrows were the only birds on the Marsh. The hills in the vicinity are only bare grass hills & pastures. Have seen Cal. Shrike; Red-tailed Hawk; Brewer's Blackbird & Cliff Swallows.

Came through Benicia to a little beyond Army Point.
Here the Suisun marshes begin. Took (1 Song Sp.) from
a tule bed along railroad. Rare. Also took a
Ammodramus and heard others. Also saw here
Marsh Hawk, Cal. Shrike, West. Meadowlark, House Finch,
Redwinged Blackbird, Nuttall Horned Lark & Tule Wren.
Came by wheel to Suisun this evening.

June 3.

At Suisun this morning Song Sparrows few and
only in desert-like portion. Saw
one and believe one Song Sparrows on it.
Took (3 Song Sp.). Saw also a few Nuttall's
Marsh Sparrows; Barn Swallows; Red-w. Blackbirds;
Blackbirds; Meadowlark; Tule Wren; Marsh Hawk.
Came through to Port Costa. Right here and on the opposite
side of the narrows the hills rise up steeply out
of the water leaving no marsh at all. But a mile
or two east a narrow border of tules begins & there
are numerous Nuttall's Song Sparrows. Took
(5 Song Sps.). Saw also Spotted Towhee, Bullock's & Cal Orioles

Wheeler seems to mean Concord, on a stream which heads near Mt. Diablo. A thicket of willows [illegible] and here Heermann's Song Sparrows were fairly common. Saw (4 Song Spa.)
Saw also at this point: Russet-backed Thrush; Western Yellowthroat, Bicolored Blackbird; Long-tailed Chat; Pygmy Nuth; Yellow Warbler & Cal Towhee. Common at Antioch.

June 4.

Antioch is on the bank of the San Joaquin just above its confluence with the Sacramento. The rivers at this point are separated by a tule covered "Sherman Island." On the Antioch shore is a narrow margin of tules & willows. Here Heermann's Song Sparrows were fairly numerous. Saw (10 Song Spa.)
Saw also: Wrentit (Shot one in brush pile at edge of willow thicket); Nest of Bullock's Oriole; Anna's Hummingbird; Bullock's Flycatcher (Several); Scrub Jay; Blue Heron; Evening Grosbeak (Flock seen [illegible] Song Sparrow closely

[illegible] in pursuit of another which had a fish about ~~six~~ inches long; they were very large terns, size of Royals, with red or orange bills & white plumage (except the tips of the wings which looked sooty); Bicolored Blackbird; Cal. Shrike; House Finch; Mex. Horned Lark; Barn & Cliff Swallow; Arkansas Kingbird; Cal. Crow; Turkey Vulture; etc.

Came back by rail to Contra Costa and then followed westward along the shore by a trail. The banks [illegible] on the opposite side of the straits between Benicia & S. Vallejo are steep with no marshes. The first Marsh I met with was a mile west of Selby, and here Song Sparrows were numerous. Took (10 Song Sps.). The Marsh is typically a salt marsh — Salicornia and [illegible]. Saw also Yellowthroat, Arkansas Kingbird, Arkansas Goldfinch, Bicolored Blackbird, Brewer's Blackbird, West. Lark Sparrow, [illegible], [illegible] Bunting, etc.

(Centres of [illegible], maximum [illegible] [illegible])

Ds with Salt Marsh & found at Pinole, Hay
in Solano principally. and a few Song Sparrows Jan
(2 Song Spar)

Pacific Grove.

Summer of 1901.

4721.	House Finch ♀	June 10
4722	Pygmy Nuthatch ♀	" 12
4723	Nuttall Sparrow ♀	" "
4724	Black Phoebe ♀ juv.	" "
4725	Nuttall Sparrow ♀ juv.	" "
4726	Pygmy Nuthatch ♀ juv.	" 14
4727	California Jay ♂	" 15
4728	" " ♀ juv.	" "
4729	Gairdner Woodpecker ♂	" "
4730	" " ♀	" "
4731	Pileolated Warbler ♂	" "
4732	Barlow Chickadee ♂	
4733	" " ♂ juv.	" "
4734	[illegible] ♂	" "
4735	Dark-bodied Shearwater ♂	" 17

4736	Coast Jay ♀		June 15
4737	Harris' Woodpecker ♂		" "
4738	" " ♀ juv.		" "
4739	" " ♂ juv.		" "
4740	California Crow ♂		" 22
4741	Brewer Blackbird ♀		" "
4742	" " ♂ juv.		" "
4743	California Towhee ♀		" "
4744	Western Bluebird ♂ juv.		" "
4745	House Finch ♂		" "
4746	California Partridge ♂ juv.		" "
4747	Pine Siskin ♀		" "
4748	Rose-breasted Tanager ♀		" "
4749	Pt. Pinos Junco ♀ juv.		" "
4750	" " ♂ "		" "
4751	" " ♀ "		" "
4752	" " ♂ "		" "
4753	Pygmy Nuthatch ♂		" "
4754	Hutton's Vireo ♂		" "
4755	California Bush-tit ♂		" "

4756	Rocky Chickadee	♂	June	22
4757	" "	♂ juv.	"	"
4758	" "	♀ juv.	"	24
4759	" "	♂	"	"
4760	Coast Jay	♂	"	"
4761	Harris Woodpecker	♀ juv.	"	"
4762	Nuttall Sparrow	♂	"	"
4763	Santa Cruz Song Sparrow	♂	"	25
4764	" " " "	♂	"	"
4765	" " " "	♂	"	"
4766	" " " "	♀	"	"
4767	Pine Linnet	♀	"	"
4768	" "	♂	"	"
4769	California Purple finch	♂ juv.	"	"
4770	Intermediate Wren-tit	♀	"	"
4771	Nuttall Sparrow	♀ juv.	"	28
4772	Western Chipping Sparrow	♂	"	29

Pacific Grove, Cal.

July 7.

The following is an annotated list of birds observed in this vicinity so far this summer:

Cepphus columba — Pairs up to companies of 4 or 5, are often seen [illegible] along shore among the rocks, & [illegible] [illegible].

[illegible] — [illegible] water line on the breast & sides green with diatoms.

Larus occidentalis — [illegible] in small numbers on the bay.

Puffinus griseus — two or three seen each evening in the [illegible].

[illegible]

Their only food as judged from a dozen specimens obtained, consists entirely of squids "Loligo pealei". These swarm in the [illegible] [illegible], in schools

July 12

The following additional species have been brought in.

July:—

Megascops asio kennicotti — 1 juvenile shot, July 11

Glaucidium gnoma — 1 pair shot at Smallhouse.

Colaptes cafer — 1 male shot at Smallhouse.

Corvus corax sinuatus — seen on the 11th flying along [illegible]

Larus heermanni — 2 shot on the bay, July 10.

Ag[illegible] — 4 shot at Crescent Bay, July 9.

4773.	California Crow	♀	July 2
4774.	" "	♂	" "
4775.	Arkansas Goldfinch	♀ juv.	" "
4776	" "	♂	" "
4777	Cliff Swallow	♂ juv.	" "
4778	" "	♂ juv.	" 3
4779	Warbling Vireo	♂	" "
4780	Anna Hummer	♀ juv.	" "
4781	Vigors Wren	♂	" "
4782.	Gairdner Woodpecker	♀	" "

4751	Barlow Chickadee	♂ juv.	July 5.
4754	Rocky Mtn. Wren	♂	" "
4755	" "	♀	" "
4756	Pt. Pinos Junco	♂	" "
4757	" "	♂	" 7
4758	" "	♀	" "
4759	Barlow Chickadee	♂ juv.	" "

Shot by E. Heller at Drake Bay, Marin County: —

4770	? Bay Species	♀	June 29.
4771	" "	♂ juv.	" "
4772	" "	♂ juv.	" "

Pacific Grove

7793	Barlow Chickadee	♂ juv.	July 10
7794	Russet-backed Thrush	♂	" "
7795	Western Bluebird	♀	" "
7796	" "	♂ juv.	" 11
4797	Cal. Towhee	♂ juv	" "
4798	West. Yellowthroat	♂ juv.	" "
4799	Barlow Chickadee	♂ juv.	" "
4800	" "	♂ juv.	" 13

4801	Coast Jay	♀ juv.	July 13.
4802	Santa Cruz Song Sparrow	♀	" "
4803	West. Winter Wren	♀ juv.	" "
4804	Sharp-shinned Hawk	♂ juv.	" 16.

Pasadena, Cal.

4805	Icteria v. auricollaris velaroi	♀ juv.	July 27
4806	Coutopus richardsoni	♂	" "
4807	" "	♀	" "
4808	" "	♂ juv.	" "
4809	Poliptila californica	♀ juv.	" "
4810	" "	♂	" "
4811	Phainopepla nitens	♀ juv.	Aug. 1
4812	" "	♀ juv.	" "
4813	" "	♂ juv.	" "
4814	Lanius l. gambeli	♀ juv.	" "
4815	Vetrogalerina t. salicamans	♀ juv.	" "
4816	Calypte costae	♂ juv.	" "
4817	" "	♂ juv.	" "
4818	Troglodytes alexandri	♀ juv.	" "
4819	" "	?	" "
4820	" "	♀ juv.	" "
4821	" "	♀ juv.	" "
4822	" "	♀ juv.	" "
4823	" "	♂ juv.	Aug. 5
4824	" "	♀ juv.	" "

4825	Trochilus alexandri	♀ juv.	Aug. 5.	
4826	" "	♀	"	"
4827	" "	♀ juv.	"	"
4828	" "	♀	"	"
4829	" "	♂ juv.	"	"
4830	" "	♀ juv.	"	"
4831	Calypte anna	♀	"	"
4832	" "	♀	"	"
4833	" "	♀	"	"
4834	" "	♀ juv.	"	"
4835	Calypte costae	♂ juv.	"	"
4836	" "	♂ juv.	"	"
4837	Chaetura pelagica	♀ juv.	"	"
4838	Polioptila californica	?	"	"
4839	Zenaidura macroura	♂ juv.	"	"
4840	Ardea herodias	♂ juv. — Santa Monica — Aug. 3.		

Aug. 29

♂ —

♀ ♪ —

♀ im.

♀ im.

♂ im.

♀ im.

♀ im

♂ ad.

♀ —

♀ ad.

♀ ad.

♂ im.

(C. T. S., 1911.

Oct 6.

Heard the first Golden-crowned Sparrow singing early this morning — "Oh, dear, —

Oct. 7.

First Am. Pipits on the Quad today.

Quizzes, Ch. 10.

Townsend Fox Sparrow ♀ ad.
Santa Cruz Song Sparrow ♀ ad,
Pt. Pinos Junco ♂ im.
" " " ♂ im.
" " " ♀ im.
" " " ♂ im.
" " " ♀ im.
" " " ♂ im.
" " " ♂ im
Golden-crown Sparrow ♀ im.
Townsend Warbler ♂ im.
Intermediate Wren-tit ♀ ad.
Calif. Jay ♀ ad.
Coast Jay ♀ ad.
" " ♂ ad.
Plain Titmouse ♀ ad.
Barlow Chickadee ♂ ad.

Oct. 26.

Visit down the edge of salt marsh and mudflats afternoon. Saw nothing of any particular interest.

4931 California Woodpecker ♂ ad.

4932 Tule Wren ♂ ad.

4933 Ruby-crowned Kinglet ♂ ad.

4934 [illegible] Song Sparrow ♂ imm.

4935 Salt Marsh Song Sparrow ♂ ad.

4936 " " " ♂ ad.

4937 " " " ♀ ad.

Nov. 6.

Clear. Warm. [illegible] Willow patch and edge of salt marsh this morning. Saw:

Say's Phoebe (2); [illegible]; Black Phoebe (2); Barbary Chickadee (one [illegible] Willow); Fox Sparrow (rare); Am. Pipit; Robin; 14 Sage Thrashers (flocks at pools and); Sharp-shin Hawk (1); Gairdner's Woodpecker (1); [illegible] Sparrow; [illegible]; Tule Wren (very common); Cal. Thrasher; Intermediate Wren-tit; Willow Goldfinch (several); [illegible] Blackbird; Am. Barn Owl (roosting in willows), &

4957 N. T. Meadowlark 4

4958 Am. Pipit 5

[illegible] [illegible] 5

[illegible] [illegible] 5

[illegible] [illegible] 5

[illegible] Lincoln's Sparrow 5 [illegible]

[illegible] [illegible] 5

4961 " " " 5

Nov. 26

[illegible]

[illegible]

[illegible]

4962 [illegible]

Dec. 20, 1901.

Clear. Frosty. Went down to willow patch and edge of salt marsh. Birds as usual. Saw, of note, Varied Thrush (2 in willow patch), Lewis Woodpecker (4 in oaks along creek), Lincoln Sparrow (1 at edge of salt marsh on fence), etc

4979 Varied Thrush ♂

4980 Lewis Woodpecker ♀

4981 Shumagin Fox Sparrow ♂

4982 Spurred Towhee ♂

4983 " " ♀

4984 Golden-crown Sparrow ♀

4985 " " ♂

4986 " " ♀

4987 Intermediate Sparrow ♂

4988 House Finch ♂

4989 Lincoln Sparrow ♀

4990 Plain Tit ♂

4991 Barlow Chickadee ♂

4992 Ruby-crown Kinglet ♀

4993 Tule Wren ♀

1994 Tule Wren ♀

1995 Salt Marsh Song Sparrow ♂

1996 " " " " ♀

1997 " " " " ♀

1998 " " " " ♂

1999 " " " " ♂

5000 Santa Cruz Song Sparrow ♂

5001 " " " " ♂

5002 " " " " ♂

5003 " " " " ♀

Dec 26 1911

Dec 27

Feb. 15, '02.

[illegible] shows back & through [illegible] with [illegible]
bay. Saw Turkey Vultures (1); [illegible] yellow-throat;
Townsend Warbler; Chapman Rail, on Point;
Varied Thrush; Hermit Warbler (1 shot);
[illegible]

5093 [illegible] ♂
5094 ♂
5095 Tiger [illegible] ♀
5096 ♀
5097 Red-shafted Flicker ♀
5098 [illegible] ♀
5099 on Point ♂
5090 Cal. [illegible] ♂
5091 [illegible] ♀
5092 Bicolored Blackbird ♀
5093 [illegible] ♂

5094 *Hirundo erythrogastra palmeri* ♂

Amaknak I., Unalaska Harbor, Alaska; 6-23-1900. "279."
Coll. R. C. McGregor.

March 7.

In arboretum found first Anna's Hummer's nest, with two young one and one fertile egg; Rufous hummer (♂) [illegible]

March 14

Have found about a dozen nests of these Hummers all in arboretum; one in pine 20 feet up, one in eucalyptus 15 feet up; and the rest in cypress trees from 6 to 15 feet up; I found two young (squeaking) out of the nest running [illegible]; also two young in nest, down to fresh eggs, and nests containing.

Rufous Hummers are also common and ♂♂ are swooping around the lower cypress foliage, but I have found no sign of nest building.

Saw today a number of Tree swallows over the impoundment road; a Townsend's [illegible] Red-shafted Flicker [illegible] 70 feet up in eucalyptus in arboretum; Pt. Pinos; Pine Siskin; [illegible] Bay, Bonaparte's Gull, Red-[illegible]

3695 Del. Rio Tul E

Week 16

Clear beautiful. Spent the day in hills back
of Oakland with Jim Lee "Bird Class"

5096 2-7. Nuttall's Woodpecker ♀

5097 Vigors's Wren ♀

5098 Am. R. Goldfinch ♂

Week 18

[illegible]

April 2

5099. Screech Owl ♀

April 14

5100. Dendroica Coronata Hooveri ♀

5101 Santa Cruz Song Sparrow ♂

May 11, '02

Went down to willow patch and edge of salt marsh awhile this forenoon. Saw:
Wil. Kingbird (1 noisy pair), Lazuli Bunting (3 singing
Black-headed Grosbeak (set 4 fresh, Arnold), Cal. Towhee
(⅓ fresh), Spurred Towhee (¼ fresh, nest 4 feet up);
Cal. Thrasher (nest 6 feet up with four eggs),
Yellow Warbler, Wes. Yellow Throat, Vigors Wren (juvs.)
Lut. Wren tit, Russet back Thrush (nests starting),
Mourning Dove (2 pairs), Turkey Vulture,
Marsh Hawk, Great Blue Heron, Cal Clapper Rail
(set of 7 eggs Arnold), Horned Lark,
Meadowlark, Bryant Marsh Sparrow,
Golden Crowned, Cal Gray, Santa Cruz Song Sparrow
(3 nests, 1 fresh 2 fledged), Salt Marsh Song Sparrow
(nest and 4 fresh eggs, in tuft on
ground), Barn Swallow, Cliff Swallow,
House finch (nest of green willow leaves), Brewer
Blackbird, Bicolored Blackbird, Wes. Flycatcher,
Allen Hummer, Anna Hummer, Bullock Oriole
— 32 species.

5102 Marsh Hawk ♂

5103 Redtail Hawk ♂

5104 Yellow Warbler ♂

5105 Redtail Hawk ♀

106 Santa Cruz Song Sparrow ♂

107 Salt Marsh Song Sparrow ♂

108 Juncos Molestus ♂, Horse Creek, Siskiyou

Nests, Cal: Oct 10, 1901 W. K. Fisher.

May 28, '02.

109 Nesting Vireo ♀

110 Fogel's Bunting ♂

111 " ♂

112 " ♀

113 Santa Cruz Song Sparrow ♂

114 Horse Trail ♂

115 " ♂

West fork along creek. Saw Wood Pewee, Cat. of Fogel's Bunting, Purple Finch, etc. Found nest of nearly fledged young of Nesting Vireo 20 feet up in top branches of Horse Chestnut.

May 29.

5116 House Finch ♂

5117 " " ♂

5118 Cal. Purple Finch ♂

5119 Rufous-sided Towhee ♀

5120 Black-headed Grosbeak ♂

5121 San Francisco Towhee ♂

5122 Western Meadowlark ♂

5123 " " ♂

5124 " " ♂

5125 Lazuli Bunting ♂

5126 " " ♂

June 2.

5127 Salt marsh yellowthroat ♂

5128 " " Song Sparrow ♂

5129 Russet-backed Thrush ♂

5130 Horned Lark ♂

5131 Barn Swallow ♂ juv.

5132 " " ♀ juv.

5133 " " ♀ ad.

5134 Barn Swallow ♂

5135 " " ♂

5136 Black-headed Grosbeak ♀

5137 " " ♂

5138 " " ♂

June 9

7139 Am. Barn Owl ♂

Pacific Grove, Cal.

June 11

Out in Ft. Pines woods this A.M. Took
set 1/3 line advanced. Ft. Pine finch
nest sunk into ground beneath fallen
dead pine branch near base of Pine;
rim even with surface of pine
needle carpet around. Nest mainly of
fine grass & pine needles, lined
sparingly with yellow wiry grass stems.

5140 Ft. Pines Junco ♀

5141 Nuttall Sparrow ♀

7142 " ♂ juv

5143 Dunkirk Island Shoreline 5

June 13

5144 San Francisco Towhee ♀

June 16

5145 House finch ♂ juv

June 20

5146 Am. Clapping Sparrow 5

5147 Salmon Thrasher 5

5148 alder Flycatcher 5 in.

5149 Intermediate Wren-tit 5

5150 " " " 5

Took a set, slightly incubated, of the intermediate Wren-tit; nest 18 inches up laid among drooping leaves of bush fern.

June 21

Went out to Communal roosting on Seal Rocks near Cypress point. The only birds roosting on the Phalacrocorax penicillatus [illegible] were Black Oystercatcher. Sanderling took a

July 11, 1274 13.

Mill Creek); Golden Eagle (1 on Mill Creek);
Gold Eagle (one below P. Colo.); Pigeon Hawk
(along valley coast); 71. Harris's Sparrow (in foothills
along coast); Lawrence Goldfinch (pair on Carmel);
Townsend Solitaire (Carmel); Killdeer; 75. Dusky-backed
Shrike (off Pinos).

Pasadena, July 26, '02

Went up to north of Chicago Park Station,
found most of the birds were shot around
watering places. Saw two Golden Eagles flying
& screaming overhead. Also Black-headed
Grosbeak (common in dry creek); Cactus
Wren (common in dry creek); Rock
Wren (one heard & seen probably); Red-
winged Blackbird (one); Least Vireo (one in willows); etc.
Also the following skins:

5195 [illegible] ♀ juv.
5196 Black-headed Grosbeak ♀ juv.
5197 San Diego Song Sparrow ♀ juv.
5198 " " " ♀ "
5199 San Diego Wren ♂